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Ritter®

Service Bulletin No. 013

SUBJECT: **Venting Hydraulic Fluid Reservoir**

MODEL: **170,175, and 176**

When installing or servicing a **Ritter Model 170, 175,** or **176 Table,** always make certain that the Hydraulic Reservoir is properly vented.

The system can contain one of two types of fill-vent plugs. The plug (A) in later models, Figure 1, has a vent hole pre-drilled in the vent plug and requires no further attention, since it is already vented.

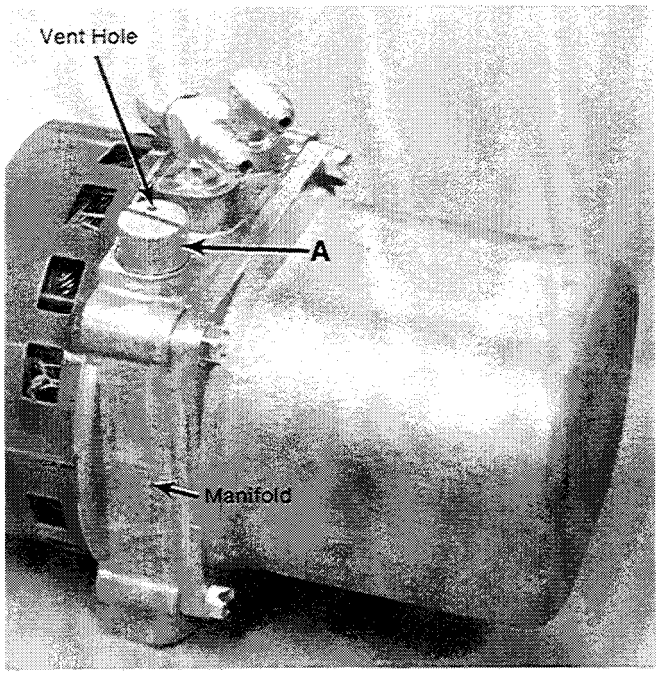

Figure 1. Location of Fill-Vent Plug with Vent Hole.

The earlier models that **do** require attention can be identified by a fill-vent plug that does **not** have a hole drilled in it, as shown in Figure 2. Also on these earlier units the plug is located directly on top of the reservoir. To properly vent the earlier model systems, turn the plug (B) clockwise in the reservoir threaded hole until it is snug or tight. Then, turn the fill-vent plug counter-clockwise 3 **full turns.** The table should only be operated when the vent plug is back out 3 turns from the snug position

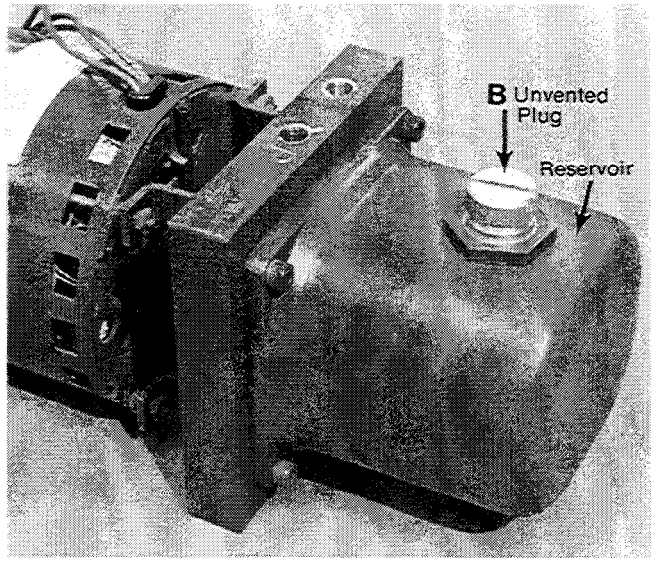

Figure 2. Location of Fill-Vent Plug on earlier model units without hole.

For access to the vent plug, it will first be necessary to remove the motor cover. Refer to the **service manual** for motor cover removal.

CAUTION

OPERATING THE TABLE UNVENTED COULD CAUSE DAMAGE TO THE HYDRAULIC SYSTEM.

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